



0020 U. S. DEPT. OF THE INTERIOR
OFFICE OF SURFACE MINING RECLAMATION AND ENFORCEMENT
Mine-Site Evaluation Inspection Report



1. Permittee/Person GENWAL COAL CO., INC.		9. Permit Number UT-015-032		10. Type a. Permit PP b. RA S	
2. Address P. O. BOX 1201		11. Inspection Date 03/08/95 MM - DD - YY		12. Inspection Type C	
3. City HUNTINGTON		13. Joint Inspection Y Y/N		14. Permit Status A	
4. State UT		15. Site Status AP		16. Facility Type B	
5. Zip Code 84528		17. OSM Office # 020		18. RSI # 49	
6. Phone Number 801-687-9813		19. Land Code F		20. M.S.H.A. ID # 42-01715	
7. Operator if Different than Permittee CRANDALL CANYON		21. State Code 49		22. County Code 015	
8. Mine Name CRANDALL CANYON		23. AVS Permittee Entity ID Number 108257		23b. State Office 	

24. Performance Standard Categories

Codes: 1=Compliance, 2=Noncompliance, 3=Not Planned, 4=Not Started, 5=Noncompliance Identified Elsewhere

A. Administrative

1. 1 Mining within Valid Permit
2. 1 Mining within Bonded Area
3. 1 Terms & Conditions of Permit
4. 1 Liability Insurance
5. 1 Ownership and Control
6. 3 Temporary Cessation

B. Hydrologic Balance

1. 2 Drainage Control
2. 1 Inspections & Certifications
3. 1 Siltation Structures
4. 1 Discharge Structures
5. 2 Diversions
6. 1 Effluent Limits
7. 1 Ground Water Monitoring
8. 1 Surface Water Monitoring
9. 1 Drainage -- Acid-Toxic Materials
10. 1 Impoundments
11. 1 Stream Buffer Zones

C. Topsoil & Subsoil

1. 1 Removal
2. 1 Substitute Materials
3. 1 Storage and Protection
4. 4 Redistribution

D. Backfilling & Grading

1. 4 Exposed Openings
2. 1 Contemporaneous Reclamation
3. 4 Approximate Original Contour
4. 4 Highwall Elimination
5. 4 Steep Slopes (includes downslope)
6. 1 Handling of Acid & Toxic Materials
7. 1 Stabilization (rills and gullies)

E. Excess Spoil Disposal

1. 3 Placement
2. 3 Drainage Control
3. 3 Surface Stabilization
4. 3 Inspections & Certifications

F. Coal Mine Waste

(Refuse Piles/Impoundments)

1. 3 Drainage Control
2. 3 Surface Stabilization
3. 3 Placement
4. 3 Inspections and Certifications
5. 3 Impounding Structures

G. Use of Explosives

1. 3 Blaster Certification
2. 3 Distance Prohibitions
3. 3 Blast Survey/Schedule
4. 3 Warnings & Records
5. 3 Control of Adverse Effects

H. 1 Subsidence Control Plan

I. Roads

1. 1 Road Construction
2. 1 Certification
3. 1 Drainage
4. 1 Surfacing and Maintenance
5. 1 Reclamation

J. Signs & Markers

1. 1 Signs
2. 1 Markers

K. 1 Distance Prohibitions

L. Revegetation

1. 1 Vegetative Cover
2. 1 Timing

M. 4 Postmining Land Use

N. Other

- 1) _____
- 2) _____
- 3) _____

25. Inspection Frequency

a. Date of Last State Complete Inspection

01/13/95

Frequency for previous 4 Calendar Qtrs.

- | | | | |
|--|----------|--|----------|
| b. Number of required complete inspections | 4 | Number of complete inspections conducted | 4 |
| c. Number of required partial inspections | 8 | Number of partial inspections conducted | 8 |

26. Inspection Hours

12.0

a. Permit Review

8.5

b. Inspection Time

7.0

c. Travel Time

8.0

d. Report Writing

27. Bonded Acres

5.6

a. Total bonded

0.0

b. Phase I released

0.0

c. Phase II released

0.0

d. Phase III released

28. Acres

2165.4

a. Permitted

5.5

b. Disturbed (Estimated)

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Inspection Date 03/08/95

29. Identified Violation Data.

For inspection types C (Complete Random Sample) and SC or SP (Complete or Partial In-depth Review), list all violations present during the current Federal inspection and all violations, cited or uncited, identified in the last State complete inspection report. For any other inspection type, including Federal program inspections, list only violations observed during the current inspection or subject of current Federal follow-up actions.

B Per. Std. Category	C Abated (Y/N)	D State Action	E Reason if Uncited	F Cause	G Seriousness		I OSM Action	J OSM Action Number	K Optional
					PEO	Impact			
A. Specific State Law/Regulations Violated: <u>R645-301-742.110</u> Description: <u>FAILURE TO DESIGN SED CNTRL TO MEET EFFLUE</u>									
1	B1	N	2		1	3	1	2	X95-020-190-001 V# 01
A. Specific State Law/Regulations Violated: <u>R645-301-742.312</u> Description: <u>FAILURE TO MAINTAIN DIVERSIONS</u>									
2	B5	N	4		4	3	1	1	 V#
A. Specific State Law/Regulations Violated: <u></u> Description: <u></u>									
3									 V#
A. Specific State Law/Regulations Violated: <u></u> Description: <u></u>									
4									 V#
A. Specific State Law/Regulations Violated: <u></u> Description: <u></u>									
5									 V#
A. Specific State Law/Regulations Violated: <u></u> Description: <u></u>									
6									 V#
A. Specific State Law/Regulations Violated: <u></u> Description: <u></u>									
7									 V#

D. State Action 1) Existed on LSCI, Cited 2) Existed on LSCI, Not Cited 3) Cited Prior to LSCI, Abatement Pending 4) Occurred Since LSCI 5) N/A Federal Program 6) N/A Permit Defect	E. State's Reason for not Citing Violation 1) Not a Violation 2) Precluded by State Policy 3) Not Included under State Program 4) Warning Given in Lieu of a Citation 5) Violation Not Recognized 6) Practice Allowed under Approved Permit 7) Too Minor to Cite 8) Working with Operator to Correct 9) Other	F. Cause 1) Permit Defect 2) Unusual Weather Conditions 3) Unofficial Waiver 4) Operator Negligence 5) Other	G. Probability of Event Occurrence 1) None or Unlikely 2) Likely 3) Occurred
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H. Impact Damage Remains Within the Permit Area 1) None or Minor 2) Moderate 3) Considerable Damage Extends Beyond the Permit Area 4) None or Minor 5) Moderate 6) Considerable Obstruction to Enforcement 7) None or Minor 8) Moderate 9) Considerable	I. OSM Action This Inspection 1) Deferred to State Action 2) TDN Issued 3) NOV Issued 4) FTA-CO Issued 5) IH-CO Issued (Imminent Environmental Harm) 6) ID-CO Issued (Imminent Danger to Public) 7) Previously Cited by RA, Abatement Pending 8) Abated during or before OSM Inspection 9) Follow-up of Federal Action
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30. Signature

Inspector's Signature
THOMAS WRIGHT
 Inspector's Printed Name

Dated: 03/16/95

31. OSM Inspector ID#
190

Reviewing Official:
 Review Date: 3/16/95

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Revised July 1, 1993

Minesite Inspection Narrative

Inspection Date March 8, 1995

Mine: Crandall Canyon

Company:
Genwal Coal Company
P.O. Box 1201
Emery, Utah 84501

Weather: sunny and cool

Comments

This was a complete random sample inspection. Pete Hess of the Utah Division of Oil, Gas and Mining (DOGM), was the state representative on this inspection. Randy Gainer of Genwal represented the company on the inspection. Permits and records were reviewed at the company office in the town of Huntington during the morning of 3/8/95.

The present permit for the Crandall Canyon Mine was issued to Genwal Coal Company on 3/4/94 and expires on 5/13/98.

A copy of the Surety Bond from Safeco that became effective on 9/21/93 for was on file. Liability insurance had been recently updated.

A copy of NPDES Permit UT0024368 that expires on 8/31/95 was on file. According to the permit there are two discharge points for the mine, one for the sediment pond and the other for mine water discharge. Surface and groundwater monitoring records were available.

The last annual certification of the sediment pond was done on 1/13/95. An as-built certification for the pond was done 4/2/92. The most recent quarterly inspection of the pond had been done during December of last year.

A mine identification sign was in place at the entrance to the facilities. Perimeter markers were in place but additional markers were needed where UD-11 extends east of the mine fan and on the downstream end of the sediment pond. Additional markers along diversion UD-11 were placed before the inspection was completed.

Minesite Inspection Narrative
Page 2 of 3

An additional buffer zone marker and a perimeter marker below the pond should be put in place to delineate where the corner of the permit on the downstream side of the mine is. Because some markers were visible no enforcement action is warranted at this time. Pete Hess informed the company that these markers were needed during the inspection.

UD-11 is a pipe that passes undisturbed flow from the hillside above the mine to the east off the disturbed area. During this inspection 2 breaks in this pipe were identified. As a result Notice of Violation 95-46-1-1 was written by DOGM on the morning after the inspection. A copy was provided to me and according to Pete Hess a copy was sent by certified mail to Genwal.

According to page 7-51 of the approved mining and reclamation plan there are 8 SAEs used on this mine. SAE #2 is on the northwest side of the mine and consists of a pad that was constructed for a sub station and the access road for it. On page 7-52 paragraph 3 states that a sediment trap is used for drainage control and 12" inch culvert was installed to act as a spillway.

Paragraph 4 on page 7-52 states that the sediment trap was modeled using Sedimont II and the results showed that the peak effluent concentration of suspended sediment from the trap will be 2898 milligrams per liter. Also paragraph 4 states that the concentration is greater than the standard contained in the R645 rules.

This trap was viewed during the inspection of the site. At that time there was no water contained in the structure so no discharge was occurring that could be sampled for evaluation.

Because information contained in the permit indicates that discharge from the structure referred to as SAE #2 would not meet effluent limitations as required by Utah regulations R645-301-751, (which requires discharges of waters from disturbed areas to be in compliance with state and Federal water quality laws and regulations), a violation exists.

Representatives of DOGM indicated that they would not issue a Notice of Violation for this area because of DOGM policy so Ten Day Notice 95-020-190-001 1 of 1 has been issued to the state covering this structure.

Because of snow cover on slopes above the creek, the outcrops of the site and pond embankment could not be safely viewed. The discharge outlet of the pond was visible from the road above and no sign of discharge was seen. The surface of sediment pond for this site was frozen.

Minesite Inspection Narrative

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The placement of trash in the dumpster for the site was such that additional material would overflow and if heavy wind blew in the canyon this trash could be blown off the site. DOGM's representative told the company that better housekeeping practices were needed. As the trash remained at the dumpster no enforcement action is warranted at this time.

A pile of gravel sized rock was stored adjacent to the Forest Service parking area. This parking area is not approved for storage of rock so none can be stored on the parking lot. During the closeout with the company mention was made of storage of material in this area. Because the material was adjacent to the parking area and not on it no enforcement action is required, however any placement of material on the parking area would constitute a violation.

Other than the above mentioned Ten Day Notice issued by OSM and Notice of Violation issued by DOGM no other action resulted from this inspection.